



Ph: 866.710.2837 | www.AterCompany.com

SUBMERSIBLE DEWATERING PUMP

Series: AP2D

0.5, 1 & 2 HP @ 3450 RPM

Discharge: 2"

Solids Handling: 1/4"



DISCHARGE

2" NPT vertical, adapter included.

LIQUID TEMPERATURE

104 °F (40 °C)

PUMP BODY

Cast iron FC-200

MOTOR HOUSING

Aluminum alloy ADC12

OIL CHAMBER

Cast iron FC-200

IMPELLER

Design: 8 vane, semi-open Vortex.

Material: Hytrel® thermoplastic elastomer

SHAFT

410 series stainless steel

HARDWARE

304 series stainless steel

O-RINGS

Nitrile rubber (NBR)

PAINT

Air dry enamel, water based.

SEAL

Design: double, mechanical, oil filled chamber.

Material: upper part of carbon-ceramic, lower part of silicone carbide. Stainless steel hardware.

CORD ENTRY

15 ft of neoprene cord, sealed against moisture.

BEARINGS

Ball, single row, permanently oil lubricated for 60,000 hours of work. Designed for radial and axial loads.

MOTOR

Dry type submersible motor, 1 & 3 phase, 115 & 230 volts, 60 Hz, 3450 RPM. For continuous duty, with thermal protector IP68 in winding, insulation class B.

STRAINER

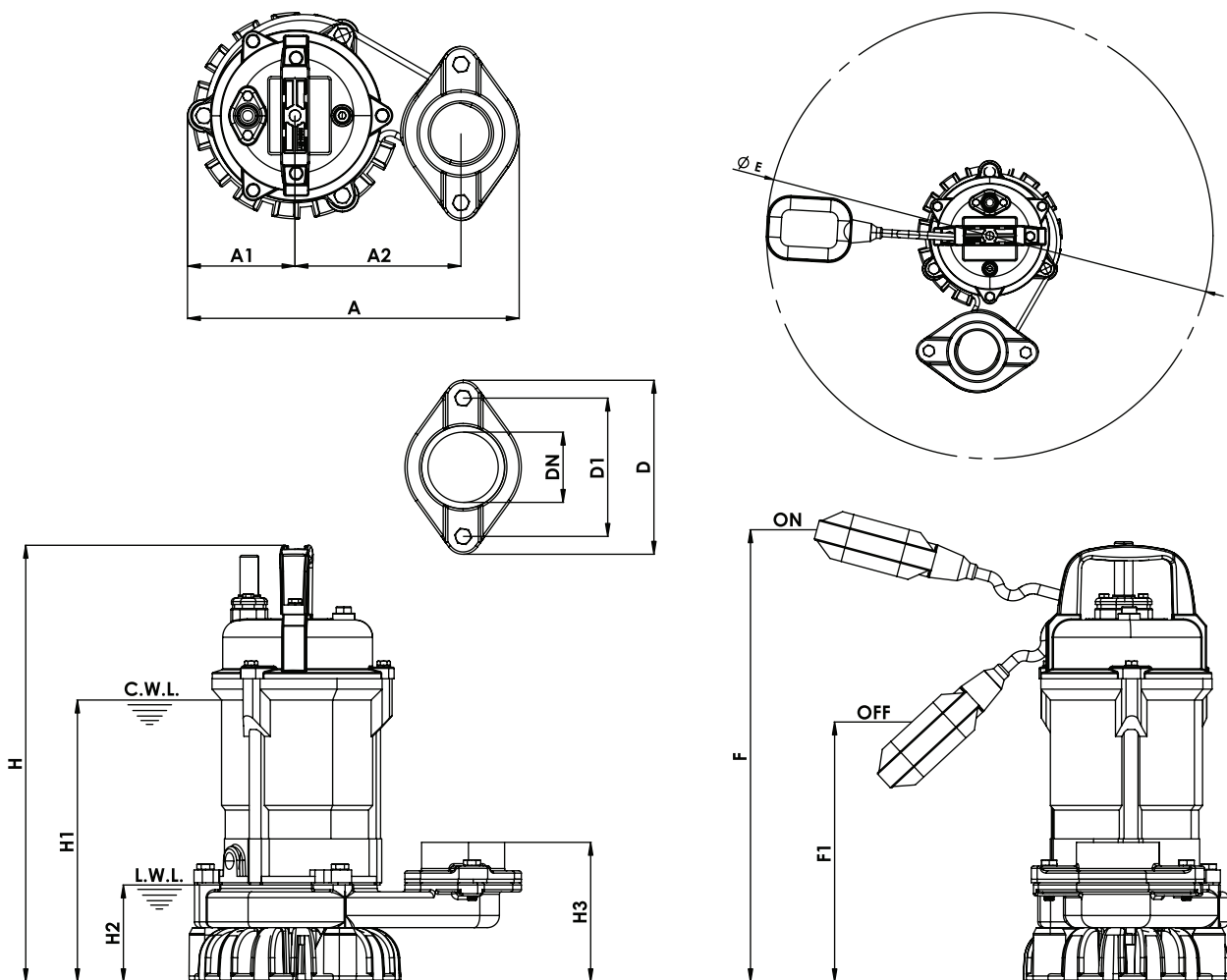
Polyvinyl chloride (PVC)

HANDLE

Nylon 6

PUMP OPERATION

Available as "A" Automatic model or Manual operation (no level control). A control panel is needed for the 3 phase pumps to operate in automatic.



C.W.L.: continuous running water level / L.W.L.: lowest running water level

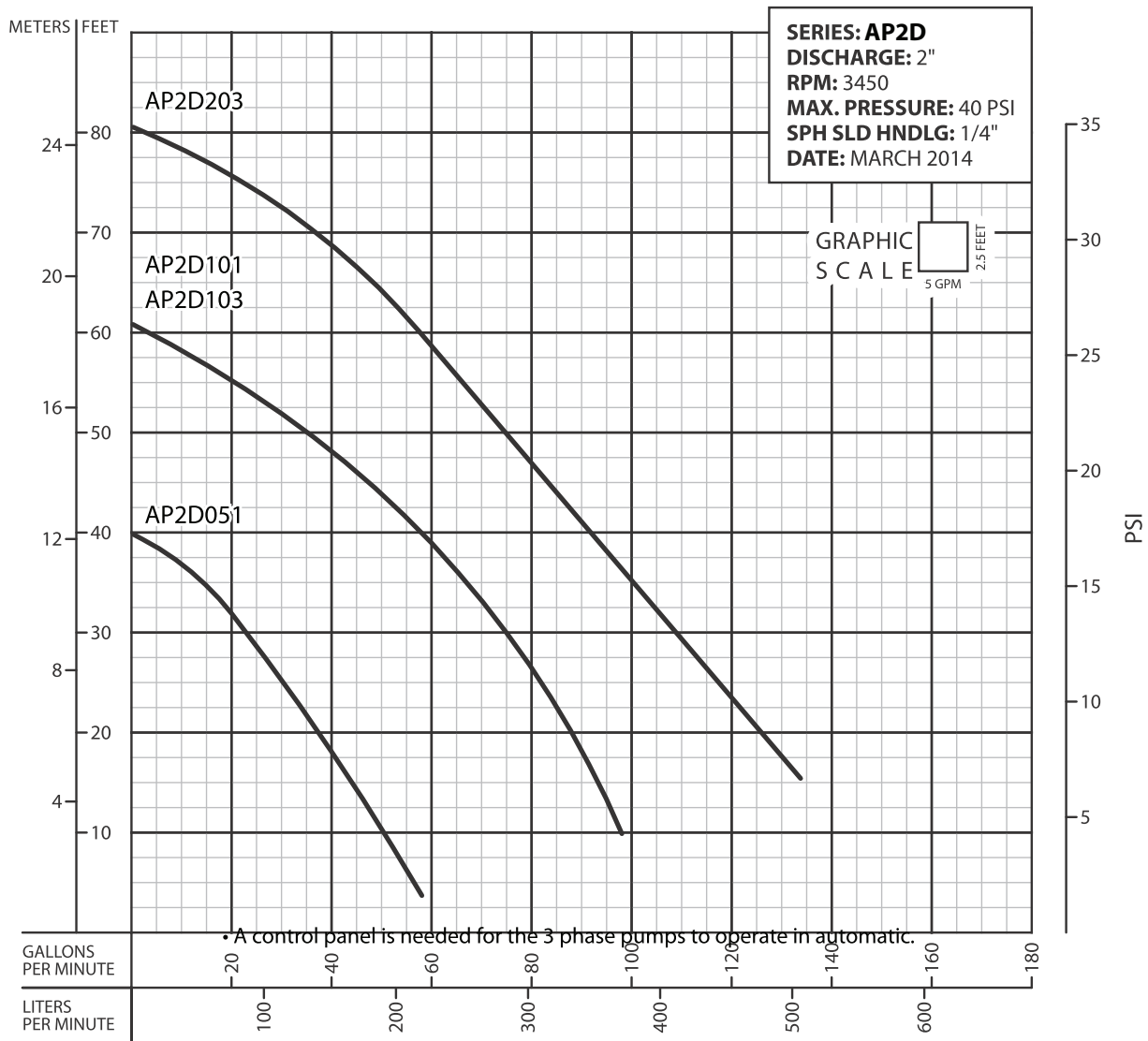
Model	HP	F	V	RPM	Max Amps	Cord Size
APMV14-30-103	3500	230/460	2.9/1.5	248	20	130
APMV14-50-153	3500	230/460	4.2/2.1	248	20	203
APMV14-70-203	3500	230/460	5.5/2.7	248	20	295
APMV14-90-303	3500	230/460	7.9/3.9	248	20	367
APMV14-110-303	3500	230/460	7.9/3.9	248	20	459
APMV14-130-403	3500	230/460	7.9/3.9	248	20	541
APMV14-150-403	3500	230/460	10.3/5.1	248	20	623
APMV14-170-553	3500	230/460	13.5/6.7	248	20	714
APMV14-190-553	3500	230/460	13.5/6.7	248	20	794

• Models ending in A include an automatic float switch. • A control panel is needed for the 3 phase pumps to operate in automatic.

SIZE IN INCHES														Weight
Model	A	A1	A2	D	D1	DN	E	F	F1	H	H1	H2	H3	
2AHS051	9.57	3.7	4.61	4.33	3.54	2	15.75	15.75	7.87	13.86	7.87	3.31	4.33	24.86
2AHS051 (50')	9.57	3.7	4.61	4.33	3.54	2	15.75	15.75	7.87	13.86	7.87	3.31	4.33	24.86
2AHS051A	9.57	3.7	4.61	4.33	3.54	2	15.75	15.75	7.87	13.86	7.87	3.31	4.33	24.86
2AHS051A (50')	9.57	3.7	4.61	4.33	3.54	2	15.75	15.75	7.87	13.86	7.87	3.31	4.33	24.86
2AHS101	10.98	3.7	5.24	5.91	4.72	2	15.75	16.73	8.86	14.84	8.86	3.31	4.76	30.58
2AHS101 (50')	10.98	3.7	5.24	5.91	4.72	2	15.75	16.73	8.86	14.84	8.86	3.31	4.76	30.58
2AHS101A	10.98	3.7	5.24	5.91	4.72	2	15.75	16.73	8.86	14.84	8.86	3.31	4.76	30.58
2AHS101A (50')	10.98	3.7	5.24	5.91	4.72	2	15.75	16.73	8.86	14.84	8.86	3.31	4.76	30.58
2AHS103	10.98	3.7	5.24	5.91	4.72	2	15.75	16.73	8.86	14.84	8.86	3.31	4.76	30.58
2AHS203	12.32	4.21	6.1	5.91	4.72	2	15.75	19.45	11.57	18.27	12.13	3.7	5.12	39.82

• Weight without cable.

IMPORTANT! 1. Never use this pump to handle explosive liquids. 2. This pump is not approved to be used in swimming pools, recreational installations or any application where human contact may be common. 3. Pump may be operated "dry" for extended periods without damage to motor and/or seals.



IMPORTANT!

1. Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.